

AMENDMENT TO THE CLAIMS

Replace the claims with the following rewritten listing:

1. (Currently Amended) Spring suspension mat for the cushioning of all types of seats, beds or chairs, said spring suspension mat comprising: spring members, which are disposed in a first direction adjacent each other substantially parallel to a surface which is useable by a user, with a plurality of spring parts which are raised transversely relative to the useable surface and form with the spring members one-piece portions of the spring members and are formed from these latter, wherein the spring parts

-are deformable individually, independently of each other in a resilient manner also relative to the rest of the spring member,

-are interconnected via connecting means transversely relative to their first direction substantially parallel to the surface for operative connection,

wherein the spring parts have ~~at least in places such a~~ small bending radius such that, when loaded in a direction generally transversely relative to the usable surface, the spring parts, ~~when there is~~ are resiliently deformable, ~~where necessary, and~~ are reducible up to approximately the material strength of the spring parts, ~~then being and~~ are placed in the a folded-together condition, ~~in a loading direction transversely relative to the useable surface.~~

2. (Previously Presented) Spring suspension mat according to claim 1, wherein the mounting height of the spring suspension mat corresponds approximately to the spring travel of the spring parts.

3. (Previously Presented) Spring suspension mat according to claim 1, wherein the spring members are interconnected by transverse struts in the form of connecting means.

4. (Previously Presented) Spring suspension mat according to claim 3, wherein said transverse struts are resilient.

5. (Previously Presented) Spring suspension mat according to claim 1, wherein the spring suspension mat with spring members and connecting means forms a surface comprising a three-dimensional form.

6. (Previously Presented) Spring suspension mat according to claim 1, wherein the mat is disposed on a fixed support corresponding almost to the desired outline of the seat or of the like.

7. (Previously Presented) Spring suspension mat according to claim 1, wherein the spring parts are in the form of a diamond resting on one point, said diamonds being continuously formed from the spring member through at least four.

8. (Previously Presented) Spring suspension mat according to claim 1, wherein the spring members, which are disposed substantially parallel to each other, are metal.

9. (Previously Presented) Spring suspension mat according to claim 8, wherein the spring members are made from spring-steel cross bands or at least include spring-steel cross bands.

10. (Previously Presented) Spring suspension mat according to claim 1, wherein the spring members are interconnected for operative connection by means of a flat connecting means, which is disposed on at least one side of the spring suspension mat and is glued to the spring members or is connected thereto in another manner and is formed by a mesh, a layer, a mat or a film.

11. (Previously Presented) Spring suspension mat according to claim 1, wherein the spring suspension mat is produced from plastics material by means of injection molding or deep-drawing.

12. (Previously Presented) Spring suspension mat according to claim 1, wherein the spring suspension mat, at least comprising the spring members and the connecting means, forms a composite material for use in seats or vehicle seats.

13. (Previously Presented) Spring suspension mat according to claim 12, wherein the composite material includes further parts of the vehicle seat and/or is an integral component part of the vehicle seat or parts thereof.

14. (Previously Presented) Spring suspension mat according to claim 1, wherein the spring members and spring parts are situated so closely adjacent each other that a flat impression is produced through the number of support points.

15. (Previously Presented) Spring suspension mat according to claim 1, wherein the overall height of the spring suspension mat is between 8 and 20 mm.

16. (Previously Presented) Vehicle seat with a spring suspension mat according to claim 1.